

Notice of Allowability

Application No.

09/827,030

Examiner

Trent J Roche

Applicant(s)

PATEL ET AL.

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communications filed 20 October 2004.
2. ☒ The allowed claim(s) is/are 1-66.
3. ☒ The drawings filed on 05 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 10202004
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

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DETAILED ACTION

1. This office action is responsive to communications filed 20 October 2004.
2. Per applicant's request, amended claims 1, 10, 13, 22, 25, 34, 37, 40, 47, 50, 57 and 60 have been entered. Claims 1-66 are pending.
3. Claims 1-66 have been examined.

Information Disclosure Statement

4. The information disclosure statement (IDS) submitted on 20 October 2004 has been considered by the Examiner.

Allowable Subject Matter & Examiner's Statement of Reason(s) for Allowance

5. Claims 1-66 are allowed.
6. The following is an examiner's statement of reasons for allowance:

The closest prior art of record, U.S. Patent 6,374,402 to Schmeidler et al., taken alone or in combination, fails to teach or reasonably suggest a process for installing a streaming application program on a client system in accordance with independent claim 1. Specifically, Schaefer does not disclose at least *providing a file mapping database that persistently stores on said client a bi-directional mapping of the client file system to the streaming server file system after termination of said streamed application, and providing a registry spoof database that persistently stores on said client mappings of original registry paths to new alternate registry paths after termination of said streamed application.* (claim 1) Similar features are recited in independent claims 13, 25, 37, 47 and 57.

Instead, Schmeidler et al. discloses a system for allowing an installation abstraction for a software title, including the ability to maintain an illusion for the local operating system that the title currently executing is installed on the host computer. Operating system requests are intercepted by the system and redirected to locally stored registry entries stored on the local file system when the “virtual drive” is mounted. However, the system disclosed by Schmeidler et al. does not retain information on the host computer once the title is terminated, but rather, “No files associated with the title are left on the host system hard-drive, and no operating system state information e.g., registry variables associated with the title, remain.” This occurs so that the state of the system disclosed by Schmeidler et al. can be returned to its status quo without any remnants of installation of the title. In contrast, the system and methods of the instant application allows information to be retained on the host file system, thereby allowing a future user of the streaming application to launch the application more quickly, as information regarding the application will be locally stored in the file mapping database and the registry spoof database.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trent J Roche whose telephone number is (571)272-3733. The examiner can normally be reached on Monday - Friday, 9:00 am - 5:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571)272-3719. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Trent J Roche
Examiner
Art Unit 2124

TJR



ANIL KHATRI
PRIMARY EXAMINER